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(71)Applicant : ASAHI KASEI CORP

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## (54) ANISOTROPICALLY CONDUCTIVE FILM

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide an anisotropically conductive film which is capable of electrically connecting circuits with each other at low temperature in a short time and is excellent in storage stability, reliability of connection, and peeling strength.

SOLUTION: The anisotropically conductive film disperses conductive particles in an organic binder and the organic binder component contains a cation polymerizable substance. This anisotropically conductive film contains a cation generating agent of 0.01-10 pts.wt. such as 4-methoxycarbonyloxy- benzylmethylsulfoniumhexafluorophosphate with respect to 100 pts.wt. of the organic binder component and a cation-capturing agent of 0.1-15 pts.wt. to react with a cation species generated from the cation generating agent with respect to 100 pts.wt. of the cation generating agent.

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(71)Applicant : ASAHI KASEI CORP

(22)Date of filing : 23.05.2000

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## (54) ANISOTROPIC CONDUCTIVE FILM

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide an anisotropic conductive film excellent in reliability for bonding strength, which is capable of electrically connecting mutual circuits with high bond strength in a short period of time.

SOLUTION: The anisotropic conductive film is composed of a composition containing a binder component and conductive particles dispersed in the binder. The binder component contains a polyester resin in an amount of 5 to 70 pts.wt. based on the binder component of 100 pts.wt. wherein the polyester resin contains a cation hardening substance containing a sulfonium salt as a hardening agent, and has a solubility parameter of 8 to 11.

## LEGAL STATUS

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